

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,111,755 B2  
APPLICATION NO. : 10/607513  
DATED : September 26, 2006  
INVENTOR(S) : Koyama et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON THE TITLE PAGE, AT ITEM (56), REFERENCES CITED:

U.S. PATENT DOCUMENTS, insert:

--6,692,095 B1	2/2004	Marumoto et al.
5,936,644	8/1999	Ono et al.
2002/0167560 A1	11/2002	Fujimori
6,503,116 B1	1/2003	Suzuki et al.
6,839,312 B2	1/2005	Heylen et al.
2002/0145639 A1	10/2002	Masuda et al.--.

ON THE TITLE PAGE, AT ITEM (56), REFERENCE CITED:

FOREIGN PATENT DOCUMENTS, insert:

--1998-041649	8/1998	Korea
2000-043269	2/2000	Japan
2001-0082374	8/2001	Korea
2002-0007368	01/2002	Korea--.

SHEET NO. 11 of 42:

Figure 11, "NOZZL" should read --NOZZLE--.

SHEET NO. 34 of 42:

Figure 34, "FIST" should read --FIRST--.

SHEET NO. 35 of 42:

Figure 35, "COUN T:40" should read --COUNT:40--.

COLUMN 6:

Line 2, "of" should read --or--.

COLUMN 13:

Line 27, "and" should read --or--.

COLUMN 22:

Line 21, "514." should read --S514.--.

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COLUMN 32:

Line 51, "discharding" should read --discharging--.

COLUMN 33:

Line 30, "liquid" should read --liquid from the--.

Line 53, "nozzle" should read --nozzles--.

COLUMN 34:

Line 27, "voltage" should read --voltage value--.

Line 63, "of the" should read --of--.

COLUMN 35:

Line 47, "changed" should read --changed,--.

COLUMN 36:


Line 15, "electro-emitting" should read --electron-emitting--.

Line 40, "claim 30; and" should read --claim 30, and--.

Line 47, "claim 31; and" should read --claim 31, and--.

Signed and Sealed this

First Day of April, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a cursive "Dudas".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*